### **Advanced Transportation Technology**

- Ten ATTi Centers strategically located
  - Develop services & curricula
  - Offer technical assistance
  - Deliver services & training
  - Outreach to the State, public and private agencies
    - · Results in outside investment in ATTi

### Advanced Transportation Technology

- Access
  - Websites : www.attcolleges.org
  - Brochures: Innovation, Income and Opportunity
  - Newsletters: Getting It Done!
  - Training on & off the campus
  - Personal Relationships:
    - · Alive and nurtured!

#### **Advanced Transportation Technology Partnerships**

#### Public and Private: Land, Sea & Air

- Air Districts: South Coast Air Quality Management District
- Cities: City of Los Angeles
- Railroads: Heavy & Light
- Airlines
- OEM's: Heavy Equip, Auto, Motorcycle, Agriculture, Aviation & Marine
- National: DOT, DOE, Clean Cities
- Energy Providers: SoCalGas, Sempra & Edison
- College partnerships: 4yr, other CCC's, Public & Private
- Transit agencies: CC's & Transit agencies
  - Southern California Regional Transit Training Consortium

#### **Advanced Transportation Technology**

- Creation of investment: \$2.5 Million
  - Equipment, cash, services and facilities
  - Training Contracts
  - Endowments Foundations and other Organizations
  - Federal Grants: National Science Foundation
  - Education and Research Tasking

### **Advanced Transportation Technology**

- The Centers develop training for new and incumbent workers
  - Alternatives Fuel Technologies
  - Alternative-powered / Hybrid vehicles
  - Intelligent Transportation and Systems

### **Advanced Transportation Technology**

- · Alternatives Fuel Technologies
  - Compresses & Liquid Natural Natural Gas
  - Propane, Ethanol & Methanol
  - Biodiesel
  - Hydrogen

# **Advanced Transportation Technology**

- Alternative-powered / Hybrid vehicles
  - Electric
    - · Pure electric, Hybrid, Fuel Cell
  - Gaseous ( Heavy/Medium/Light)
    - · CNG, LNG, Propane, Hydrogen, Hythane
  - Emission Reductions
    - Integrated computer controls, Electronic sensors, Computer interfacing

# **Advanced Transportation Technology**

- Intelligent Transportation and Systems
  - Traffic sensing systems
  - Vehicle detection systems
  - Geographic Information Systems (GIS)
  - Global Positioning Systems (GPS)
  - Safety, efficiency, reliability
  - Pavement management
  - Logistics

# **Advanced Transportation Technology**







www.cccewd.net



"These bold new materials make quite a splash! Clear and concise, these items present a sharp focus on the EWD program. I especially appreciate the newsletters, which rightly tout the successful partnerships and outcomes of each initiative.

These materials will be most beneficial when placed into the hands of my legislative colleagues. I encourage you to sustain a continuing effort to update the Legislature on the critical importance of your work.

Good luck."

Senator Jack Scot



QuickTime<sup>TM</sup> and a forenson Video 3 decompresso are needed to see this nicture